

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

32170

7590

09/14/2005

U.S. ARMY TACOM-ARDEC ATTN: AMSTRA-AR-GCL BLDG 3 PICATINNY ARSENAL, NJ 07806-5000 EXAMINER

ELDRED, JOHN W

ART UNIT

PAPER NUMBER

3644

DATE MAILED: 09/14/2005

| 1 | APPLICATION NO. FILING DATE |            | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-----------------------------|------------|----------------------|---------------------|------------------|
|   | 10/709,180                  | 04/20/2004 | Eric Scheper         | 2003-012            | 3179             |

TITLE OF INVENTION: SPACE SAVING FIN DEPLOYMENT SYSTEM FOR MUNITIONS AND MISSILES

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1400    | \$0             | \$1400           | 12/14/2005 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed wh appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address

| indicated unless corrected<br>maintenance fee notificatio   |   | in Block 1, by (a) specifying   | a new co   | orrespondence address     | ; and/or (b) indicating a sepa   | rate "FEE ADDRESS"       |  |  |
|---|---|---|--|---------------------------|--|--------------------------|--|--|
| CURRENT CORRESPONDENCE  | CE ADDRESS (Note: Use Block 1 for   | any change of address)  |  | Note: A certificate of    | f mailing can only be used for   | r domestic mailings of   |  |  |
|   |   |   |  | Fee(s) Transmittal. The   | f mailing can only be used for<br>his certificate cannot be used for<br>all paper, such as an assignment | or any other accompany   |  |  |
| 32170 7   | 590 09/14/2005  |   |  | have its own certificat   | al paper, such as an assignme<br>e of mailing or transmission.   | nt or formar diaming, in |  |  |
| U.S. ARMY TA  | COM-ARDEC   |   |  | Ce                        | rtificate of Mailing or Trans  | mission                  |  |  |
| ATTN: AMSTRA  | -AR-GCL   |   |  | I hereby certify that the | his Fee(s) Transmittal is being  | deposited with the Un    |  |  |
| BLDG 3  |   | I hereby certify that this Fee(s) Transmittal is being deposite States Postal Service with sufficient postage for first class m addressed to the Mail Stop ISSUE FEE address above, o transmitted to the USPTO (571) 273-2885, on the date indica |  |                           | above, or being facsim   |                          |  |  |
| PICATINNY ARS   | SENAL, NJ 07806-5000  | )   | transmitted to the USPTO (571) 273-2885, on the date |                           |  | ate indicated below.     |  |  |
|   |   |   |  |                           |  | (Depositor's na          |  |  |
|   |   |   |  |                           |  | (Signat                  |  |  |
|   |   |   |  |                           |  | (D                       |  |  |
| APPLICATION NO.   | FILING DATE   | FIRST NAMI  | ED INVEN   | TOR                       | ATTORNEY DOCKET NO.  | CONFIRMATION NO.         |  |  |
| 10/709,180  | 04/20/2004  | Eric :  | Scheper  |                           | 2003-012   | 3179                     |  |  |
| TITLE OF INVENTION: S   | TITLE OF INVENTION: SPACE SAVING FIN DEPLOYMENT SYSTEM FOR MUNITIONS AND MISSILES |   |  |                           |  |                          |  |  |
| APPLN. TYPE   | SMALL ENTITY  | ISSUE FEE   | PU   | JBLICATION FEE            | TOTAL FEE(S) DUE   | DATE DUE                 |  |  |
| nonprovisional  | NO  | \$1400  |  | \$0                       | \$1400   | 12/14/2005               |  |  |
| EXAMINER  |   | ART UNIT  | CI   | LASS-SUBCLASS             | ]  |                          |  |  |
| ELDRED  | , JOHN W  | 3644  |  | 244-003240                |  |                          |  |  |
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (B) RESIDENCE: (CITY and STATE OR COUNTRY) |   |   |  |                           |  |                          |  |  |
| Please check the appropriate  | e assignee category or catego   | ries (will not be printed on the  | patent) :  | ☐ Individual ☐ C          | Corporation or other private gro   | oup entity 🚨 Governm     |  |  |
| 4a. The following fee(s) are  | enclosed:   | 4b. Payment o   | f Fee(s):  |                           |  |                          |  |  |
| ☐ Issue Fee   |   | 🖵 A check   | k in the an  | nount of the fee(s) is en | nclosed.   |                          |  |  |
| Publication Fee (No s   | d) 🖵 Paymen   | Payment by credit card. Form PTO-2038 is attached.  |  |                           |  |                          |  |  |
| Advance Order - # o   | The Di  | The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number (enclose an extra copy of this form).   |  |                           |  |                          |  |  |
|   | (from status indicated above  |   |  |                           | <u> </u>   |                          |  |  |
|   | MALL ENTITY status. See   |   |  |                           | LL ENTITY status. See 37 Cl  |                          |  |  |
| The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part interest as shown by the records of the United States Patent and Trademark Office.  |   |   |  |                           |  |                          |  |  |
| Authorized Signature  |   |   | _  | Date                      |  | <del></del> -            |  |  |
| Typed or printed name _   |   | Registration No.  |  |                           |  |                          |  |  |
| This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp   |   |   |  |                           |  |                          |  |  |

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.                  | FILING DATE                   | FIRST NAMED INVENTOR    | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------------------------|-------------------------------|-------------------------|---------------------|------------------|
| 10/709,180                       | 04/20/2004                    | Eric Scheper            | 2003-012            | 3179             |
| 32170 7                          | 590 09/14/2005                |                         | EXAMINER            |                  |
| U.S. ARMY TAC                    |                               | ELDRED, JOHN W          |                     |                  |
| BLDG 3                           | ATTN: AMSTRA-AR-GCL<br>BLDG 3 |                         |                     | PAPER NUMBER     |
| PICATINNY ARSENAL, NJ 07806-5000 |                               | l                       | 3644                | -                |
|                                  |                               | DATE MAILED: 09/14/2005 |                     |                  |

### Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 10 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 10 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.